THE BULLETIN... **Chapel Hill Bird Club**

March 2005

http://www.duke.edu/~cwcook/chbc

c/o R. Gluck 700 Bolinwood Dr. #24-B Chapel Hill, NC. 27514 thrush@hotmail.com

Vol. 34

>>NEXT MEETING: Monday, March 28 Program: "Birds Of Ecuador"

When/Where: 7:15pm./refreshments; 7:30pm./meeting The lounge, Olin T. Binkley Baptist Church, corner off Hwy. 15-501 bypass and Willow Dr., behind University Mall, Chapel Hill.

Who/What: Tom Driscoll (Pres. of New Hope Audubon Chapter) will tell us about his birding excursion to Ecuador last year. Club member Helmut Mueller also visited Ecuador a few months back and his report, that ought to whet your appetite for Tom's talk, is on page 3.

~ Saturday Morning Field Trips ~

Local field trips, generally led by Doug Shadwick, leave from Glen Lennox Shopping Center parking lot off Hwy 54 promptly at 7:30 am. most Saturday mornings. All skill levels welcome. Trips are usually over by noon. Dress for the weather and for walking. For further details call Doug at 942-0479.

The 'Good Deeds' Dept.

Last November, stalwarts Judy Murray and Rick Payne, helped clean up litter along New Hope Valley Farm Rd. on behalf of the Bird Club, despite a heavy hunter presence. This March (maybe 19th), the Club will try again to have a cleanup day along this often-birded Chatham County roadway. Lend a hand if you can. (call Doug for more info).

Minnesota Redux

The February Bulletin made brief mention of the fantastic owl irruption occurring in Minnesota this winter (Great Greys, Northern Hawk, Boreal, Snowy), little knowing that several local birders would soon be off on a Carolina Bird Club trip to that very state. 22 CBC members saw almost two dozen trip-targeted birds including 5 owl species, both Redpoll species, Gyrfalcon, Sharp-tailed Grouse, Rough-legged Hawk, Pine Grosbeak, Gray Jay, Bohemian Waxwing, Black-backed and Three-toed Woodpeckers, among the many highlights.

No. 3

Thought for the Day > | > | > |

"...birding is not a hobby, any more than sneezing is, or Presbytarianism is, or liking the color blue is. It is not something that one chooses to do so much as something one cannot help but do. It is an action that springs from the deepest parts of the human soul, uncontrolled by propriety or convenience." ~ Peter Cashwell

DON'T Make Me Spank You!!

....nor make Will Cook scratch you off the membership rolls. Twenty-or-so folks are still tardy on their Club dues. Please check your mailing label and if you're one of 'em send \$15 (\$10/students) along to:

Chapel Hill Bird Club c/o Ruth Roberson 38 Stoneridge Pl. Durham, NC. 27705

(...and if you'd like to get the Bulletin off the internet, from Will Cook's webpage, rather than taking your chances on a bedraggled, coffee-stained, mangled, snail mail copy; -) let me know your email address so I can move you onto our e-subscriber list.)

On Their Way





Before the end of the month be on the lookout for the following passerines returning to our area:

Swallows, Chimney Swifts, Purple Martins, Whip-poor-wills, Blue Gray Gnatcatchers, Yellow-throated and Parula Warblers, La. Waterthrush, Ovenbirds, White- and Red-eyed Vireos, and Ruby-throated Hummingbirds.

Hev, I knew THAT

In early Feb., Duke neurobiology professor Erich Jarvis received widespread press coverage for his work showing empirically what most Club members already knew: birds are smarter than most folks give them credit for! The actual studies, of course, are complex and partly theoretical, but the new view emerging is that avian intelligence is often akin to, even if different from, that of many mammals.

Who's Who -- Getting To Know Your Fellow Club Members

This month's first profile is of Raleigh birder **Steve Shultz** who has only been a CHBC member for 4-5 years, but is one of the most frequent names to subscribers of 'Carolinabirds' listsery, where he is known as someone who will hop in a car (...or plane!) on a moment's notice to chase a rarity:

Many will be surprised to learn that Steve's birding interest began only 10 years ago when, while visiting the wild ponies of Chincoteague, he picked up a bird field guide and checklist, and as he says, "the rest is history;" Steve notes further that "as a result, I have Bald Eagle on my life list before Rock Dove." Soon thereafter he picked up a very rare bird, the Nene, in Hawaii, on his way to his current life list of 649 (ABA=563, NC=334).

His favorite local avians are Canvasbacks and brilliant Prothonotary Warblers [aka Golden Swamp Warbler per 'Carolinabirds': -)], while the Curlew Sandpiper sits atop his wish-list. Steve enjoys birding Lake Jordan and Crabtree areas, but may be best known to many folks for his regular reporting on several Raleigh ponds. The Birds and Birders of Cape May by Jack Connor is one of his favorite reads [editor's note: The Complete Birder, also by Jack Connor, is a favorite instructional volume of this editor].

Steve's job with a national financial services firm affords him time to combine 2 of his favorite pastimes: travelling and birding. And speaking of travelling, Steve recounts 2 of his greatest birding thrills being seeing the Elegant Trogon in Madera Canyon, AZ., and watching Greater Prairie Chickens booming on a lek in CO. in a quiet pre-dawn setting that was 'magical.' I suspect all of us can appreciate that.

(On page 3 of this issue of the *Bulletin*, Steve offers his own take on "listing.")

Even though he is one of our longest-term members (close to 40 years) most folks likely wouldn't recognize **James Coman III** if he walked into one of our meetings. Why? Because he hasn't lived in the Triangle for almost 28 years, choosing instead to abide in a log cabin in Alleghany County where some know him as "the Curmudgeon of Piney Creek;" yet diligently each year he renews his Club membership and here's more about this long-standing CHBCer:

James' interest in birds was sparked at the age of 9 or 10 when he was ill and housebound in his childhood Hillsborough home, and a flock of Red Crossbills appeared at his feeder (not a bad bird to start off with!). While receiving two forestry degrees from Duke,

James has spent much of his life as a farmer (especially sheep farming), and for the last 12 years has both talked-the-talk and walked-the-walk as a professional director for 2 different land conservation groups, striving to preserve land, wildlife habitat, and water quality.

He says his main "hobby" besides birding, is "using/maintaining/repairing/cussing at obsolete farm equipment." So it's not too surprising he names Charles T. Flugum's <u>Birding From A Tractor Seat</u> as his favorite bird-read.

And for one of his most memorable birding "thrills" he mentions "discovering at a quite inappropriate time that I was sharing an outhouse with a Barred Owl" [uhh yeah, I suspect THAT might stick in most of our memories!].

Most of us in the Club may never meet James, but clearly he is out there doing the day-to-day hands-onwork that makes us proud to call him a member.

(CBC and CHBC field trips have stopped by James' farm in the past, so if you're headed out Blue Ridge Parkway/New River/Grayson Highlands way for some birding, James welcomes you to call ahead and drop in on him - 336-359-2909, or hillshepherd@skybest.com).

2004 Chapel Hill (NC) Christmas Bird Count Summary -- from compiler Will Cook

(full tabular data attached at end)

We did fairly well on the 2004 Chapel Hill Christmas Bird Count, held on December 26, with an above-average 90 species (10-year average 85) and 15,800 individual birds (average 14,550). Observer effort was near normal. The weather was frigid, with a cold north wind, but fortunately this didn't seem to hinder the birding much. The count circle received almost complete coverage, missing only the NC Botanical Garden area (the counters couldn't make it because of snow in Raleigh) and sections of the downtown area (it's hard to find someone to count Starlings and Pigeons).

The rarest bird was a small tern seen at Jordan Lake by Edith Tatum. She thought it looked more like a Common Tern than the expected Forster's Tern, but we'd probably need good photographs to be able to count it as a Common, since that would be unprecedented at this time of year. So, it's going down on the count as *Sterna* sp., still a first for the Chapel Hill count. The other major rarity was the hatch-year female Rufous Hummingbird at Jill Froning's feeder, which was identified and banded by Susan Campbell a couple of months earlier. Jill was out of town on count day, but she thoughtfully arranged for her neighbor Maggie Jackson to count her yard birds. Other goodies: Northern Shoveler (Derb Carter), Wild Turkey (Carter), Northern Harrier (Sam O'Kane), Common Yellowthroat (Will Cook), Baltimore Oriole (4 parties had one!), and Evening Grosbeak (Cynthia Fox, at her feeder). Jill's White-crowned Sparrow was a great bird for the count week.

We set several record highs: Derb's 7 Northern Shovelers at the Maple View Farm pond beats last's year's count of 6 at the same pond. And his nice flock of 13 Wild Turkeys handily beats the old record of 5.

Teams with highest totals: I had a great day at Mason Farm (plus a couple of minor uncovered spots), with 62 species (1570 individuals). Helping my totals were 7 species of water birds on the Mason Farm pond, which is often devoid of waterfowl. Once again Jeff Pippen's team - this time Jeff was assisted by Jacob Socolar - had the highest count of individuals with 1717 (52 species), with large numbers of birds hanging out at the Orange County landfill. Their most abundant bird was Darkeyed Junco (315); on the overall count, Junco also came out on top (2089), followed by White-throated Sparrow (1394), then Ring-billed Gull

Weather was much colder than average: Low 25 F, high 38 F, wind from the north at 5-10 mph, cloudy to clear, no precipitation, still water partly frozen. Effort: 38 observers in 22 field parties, 141.7 party hours (106 by foot, 35.7 by car), 373 party miles (84 by foot, 289 by car), 7.25 hours and 24 miles owling, 9 people and 16 hours watching feeders.

Full count results are available at the Christmas Bird Count web site. http://www.audubon.org/bird/cbc/

Special thanks to Derb and Anne Carter for hosting the countdown party to end a great day of birding. And thanks to all counters - your efforts are appreciated!

N.C. Partners In Flight -- Annual Meeting

The yearly meeting of NC Partners In Flight will take place 9:30am - 4:30pm, March 23, at the Howell Woods Environmental Learning Center in Johnston County. If you are unfamiliar with this group here is an intro to PIF from their website:

"Partners in Flight was created in 1990, and is a dose of preventative medicine designed to save species and habitats before they become endangered. The goal of the program is to maintain populations of forest and grassland neotropical migratory birds, birds that breed in the United States and Canada then migrate to spend! winter in the tropics throughout the Americas. This important initiative brings together government and non-government agencies and organizations at the federal, state and local levels. It also includes dozens of universities and the forest products industry, as well as numerous Latin American participants. Biologists, educators and policy makers from all of these groups are working cooperatively to help keep migratory bird populations stable and conserve the breeding, wintering and migration habitats they use."

If this sounds like something you'd like to help with visit their website for more info:

http://www.faculty.ncwc.edu/mbrooks/pif/

or, contact Coordinator Mark Johns at: johnsme@mindspring.com

-- On Listing --

by Steve Shultz

The habit of keeping lists is a somewhat unique component of the birding world. Many other hobbies provide the hobbyist with something tangible, a collection of postal stamps or miniature trains for example. Birders, being in the business of collecting sightings instead of objects, have nothing to place in a box or store in the family curio cabinet. Of course one may need storage space for their gear, books, optics and the like, but these are only devices to bring us closer to the goal of birding... encountering and experiencing birds. Frequently lists are the tools used to capture sightings.

A birder's list (or in most cases lists) can perform many functions. Comparison of lists with other birders often leads to story swapping of particularly rewarding finds, tough misses, and all night drives to track down a rarity. On an individual basis, lists allow individuals to track their education and experience. In some cases birders may even be able to detect trends in bird populations by noting patterns of sighting over long time periods.

For whatever the purpose, most birders keep lists because they are fun. After all, birding is a hobby for many, not an occupation. If it's not rewarding why do it! Lists are fun for many reasons. Even the lowly cowbird slinking around my backyard is elevated to an almost (but not quite) respectable level when it represents another tick on the year list or an entry in the "birds seen at the birdbath when it's raining" list. "Now wait!", you may say, "That last list seems a little farfetched!" Maybe. Consider though that birders have been known to keep the following:

Birds seen while at sporting events

Birds identified by song while being used as background audio on TV

Birds seen while inside an aircraft (the birder not the bird)

Birds seen on wires

Birds seen while underwater (!)

Birds seen in dreams

Many birders are not quite this aggressive at listing, but some are. In addition to the diagnosed cases of "listitis" there are many, many undiagnosed persons happily birding their local patch without knowledge of their affliction.

How about you? You may wish to make a list of your lists (a symptom in and of itself, especially if it takes more than one sheet of paper) and see how you shake out. I currently have a state list for each state I visit, a life list, year list, monthly yard lists, a master yard list, an ABA list, and a list for the various foreign areas in which I have birded. Just keeping track of all the lists can require a list, this activity usually being a symptom of advanced listitis.

For me one thing is for sure, the New Year holiday is a lot more fun now that I am a birder. The chance to see every bird as a new opportunity and build a list from a clean slate fits nicely with the idea of a "new" year. Hope yours is filled with many rewards!

Ecuador Report

Dr. Helmut Mueller sent along the following report of a very successful Ecuador trip he and wife Nancy took, arranged by Ecuador tour agency Neblina Forest, with first-class accomodations. (For space reasons I've shortened Helmut's report but hopefully it will stimulate folks to come hear Tom Driscoll's presentation on Ecuador this month... without stealing too much of Tom's thunder.):

We were in Ecuador for three weeks in late November to mid-December 2004 and saw only a fraction of the country. Ecuador is slightly more than twice the size of North Carolina... rapid changes in

altitude provide for a very diverse avifauna... more than 1,600 species of birds occur in Ecuador. We flew into the capital city, Quito (9,360 feet elevation). First we went to Yanacocha where we saw 13 species of hummingbirds, including the Sword-billed (with a bill as long as the rest of the bird). We also caught a glimpse of an Ocellated Tapaculo, a spectacular very vocal but seldom seen bird... At Bellavista Lodge we found with our flashlights a Common Potoo, a large-headed distant relative of our Whip-poor-will, sitting on a stump. The following morning we saw Plate-billed Mountain Toucans, a Masked Trogon, and Andean and Sickle-winged Guans (distant relatives of pheasants) and the Booted Racket-Tail (a hummingbird with little "booties" and long outer tail feathers, narrowed to only the vane, but with "rackets" at the ends). We then spent three nights at Septimo Paraiso Lodge in Mindo, and it was like "seventh heaven.".... At Volcan Antisana we had excellent views of Andean Condor, Aplomado Falcon, Cinereus Harrier, Andean Gull, Black-faced Ibis, and Ecuadorian Hillstar and Giant Hummingbirds. The following day we flew to Coco and took a 50 mile motorized canoe ride down the Napa River, a tributory of the Amazon, to Sacha Lodge in the Amazonian jungle... Highlights here were a long morning spent in a 140 feet high canopy tower built around an enormous kapok tree, visits to two "parrot licks" where thousands of parrots come to feed on clay (which neutralizes the acids in the fruit they consume). We saw 164 species, including Amazonian Umbrellabird, Great Potoo, Hoatzin, 4 Kite species, Bat Falcon, 8 species of parrots and 5 species of toucans.... At San Isidro, a lodge on the east slope of the Andes run by birders for birders... highlights included a Crested Quetzal, a number of Rufous-bellied Nighthawks at dawn, and an incredible scene of a male Torrent Duck with three small, downy offspring, all leaping on and off rocks into the raging stream, and finally settling down on a rock when the young crawled under him for

We saw a total of 520 species of birds including: 2 tinamous, 6 herons, 5 vultures, 14 hawks, etc., 3 caracaras, 4 falcons, 3 guans, etc., 4 rails, 14 pigeons and doves, 13 parrots, 7 cuckoos, etc., 7 swifts, 56 hummingbirds, 7 trogons, 4 kingfishers, 2 motmots, 5 jacamars, 4 puffbirds, 4 barbets, 11 toucans, 15 woodpeckers, 22 ovenbirds, 10 woodcreepers, 15 antbirds, 3 antpittas, 2 tapaculos, 69 flycatchers, 8 cotingas, 6 manakins, 4 jays, 5 vireos, 9 thrushes, 1 dipper, 9 swallows, 10 wrens, 10 warblers, 72 tanagers, 6 cardinals, etc., and 22 finches.

Our photos can be seen at: http://www.pbase.com/helmutnc

OLF -- Outlying Landing Folly

On Feb. 18, in a case that many *Bulletin* readers have followed, a Federal district judge stunningly ruled against the Navy (noting that it "acted capriciously and arbitrarily" in its environmental impact studies) regarding the Navy's plans to construct a practice outlying landing field (OLF) for pilot-training in eastern NC. With persistence and uhhh... simple rationality, an unusual coalition of environmental groups and eastern NC locals have successfully blocked the Navy's efforts for the moment, though the Navy plans to appeal the decision. Chapel Hillians Derb Carter (lawyer with the Southern Environmental Law Center) and Chris Canfield (Exec. Director of Audubon North Carolina) are among those at the forefront of this ongoing struggle, who believe far better/safer sites are available for the Navy's use. OUTSTANDING JOB guys.

Some Area Sightings



Jan. 31 -- 2 Ravens reported at Horace Williams Airport in Chapel Hill: seen again in same area on Feb. 6.

In Feb. an unusual overwintering Great Egret continued to be seen at West Lake Pond in Raleigh, and an apparently overwintering Spotted Sandpiper was observed at Lake Crabtree Park in Cary.

Feb. 8 -- Clyde Smith hears a **Fish Crow** in his Raleigh neighborhood (by end of month they were much more prevalent).

Feb. 18 -- Mike Skakuj has a female Cape May Warbler at his feeders. also Feb. 18, Lena Gallitano reports a remarkable 3 Rufous Hummingbirds and at least 14 Baltimore Orioles through the winter months in her Raleigh backyard.

Feb. 19 -- G. Gordon Brown spots a Little Gull and an Eared Grebe off Ebenezer Pt. (Jordan L.).

Feb. 20 -- G. Gordon Brown reports 2 Brewer's Blackbirds at the NCSU Farm Pond in Raleigh, and Shelley Theye reports 12 Redheads off Seaforth Recreation Area of Jordan L.

Feb. 21 -- Clyde Sorenson sees a likely (brief look) female **Western Tanager** at his Raleigh backyard feeder.

Feb. 26 -- An **Osprey, Red-throated Loon**, and several **Tree Swallows** were among the birds reported by Shantanu Phukan following an outing on Jordan Lake (with S.Shultz and W. Cook).

The <u>Top Ten</u> List of SILLIEST Dang Bird Names

(...with apologies to David Letterman)

#10. Wagtail

#9. Cuckoo

#8. Hoopoe

#7. Chuck-will's-widow

#6. Bulbul

#5. Ouzel

#4. Bushtit

#3. Cock-of-the-rock

#2. Loon

#1 Booby

CHBC Contacts (ph., email):

>President: Joe Bearden, 884-9050 chickadeebirders@earthlink.net

>Vice-Pres.(RDU): Karen Bearden, 884-9050 chickadeebirders@earthlink.net

>Vice-Pres. (Chapel Hill): Judy Murray, 942-2985

>Secretary: Amalie Tuffin, 641-8072 amaliet@post.harvard.edu

>Treasurer: Ruth Roberson, 489-4888 ruth-roberson@nc.rr.com

>Field Trip Chairman: Doug Shadwick, 942-0479 dougshadwick@aol.com

>Refreshments Chair: Karen Piplani 929-6553 karenpip@aol.com

>CHBC webmaster, checklist, and CH Xmas count compiler:

Will Cook, 382-9134 cwcook@duke.edu

>Newsletter Editor: Rob Gluck, 967-3134 thrush@hotmail.com

Visit the CHBC on the Web at: www.duke.edu/~cwcook/chbc

Parting Words...

"Thanks to the Interstate Highway System, it is now possible to travel from coast to coast without ever seeing anything."

~ Charles Kuralt

2004 Triangle Area Christmas Bird Counts

Species	Dur	loa I	ltt l	lvalla l	Kerr	kru l	1 1	2	2	4	_		7	8	-c	hapel	Hill	Obser 12	ver P	arty		16	17	10	10	20	21	22	22
Species Snow Goose	Dur	Ral	JL	Falls	Kerr	СП			3		3	- 0		•	,	10	-11	12	13	14	13	10	1/	10	19	20	21	- 22	23
Canada Goose	1358	993	279	183	270	478	57	76					20	60	70	140		9			4	16	1		25				
Mute Swan		14																											
Wood Duck	167	- 8	10	7	2	47												2	2					38		5			
Gadwall	5	11	2	16	1																							_	
American Wigeon	-	11	1	51	22	2																				2		_	
American Black Duck Mallard	101	193	150	77	23 416	148	13	8	6					2	19	12	13	27	2	22		- 1		- 5	18	3			
Blue-winged Teal	101	193	130	- ' '	410	140	13	0	U						19	12	13	21		22		1			10				
Northern Shoveler		55	7			7	7																						
Canvasback		16			3																								
Redhead			2																										
Northern Pintail	7																												
Green-winged Teal		20.6	100	4		1												4.0				1							
Ring-necked Duck	5	206	139	105		26	3		3				2					10			1				7				
Lesser Scaup Bufflehead		92	122	22	42	0												- 1											
Common Goldeneye)2	122		1	- 0																						_	
Hooded Merganser	87	160	221	26	7	23	19									1		1								2			
Red-breasted Merganser			2			0																							
Ruddy Duck		129		3		4										4													
duck, sp.	54		2																										
Wild Turkey	17	\blacksquare		16	3	13	13			Щ	Щ						_		Щ	Щ			-	-	Ш	-		_	
Northern Bobwhite Common Loon	\vdash	1	3	1 4	260	0		\vdash				_				\vdash				Н			-	\vdash	\vdash	\vdash	\dashv		\dashv
Pied-billed Grebe	5	18	103	51	2 60	10		\vdash		H	H	2				\vdash	-	1	5	\vdash	1	1	1	H	\vdash	H	-1	\dashv	-
Horned Grebe		10	43	2	84	10		\vdash				-				\vdash	_	1	J	Н	1	- 1						 	\neg
Eared Grebe			3	2																									\equiv
Double-crested Cormorant	234	16	783	398	57	113													1	5	5	1		101					
Great Blue Heron	61	41	86	53	33	34	7	2	1					2		4	1		3		2	3	1	3	2	3		\Box	
Great Egret	010	2				05	10	10	20						-	igwdapsilon	_	_		Ш	_		1	12	\vdash	Ļ	<u> </u>	_	
Black Vulture Turkey Vulture	218 126	13 91	60 182	29 109	65 144	87 242	19 24		20 17	\vdash	2	16	13	0	-	1	2	2	-	\vdash	5 17	2	-	12	38	2	\vdash		10
Osprey	120	91	182	109	144	242	24	0.5	1/			16	13	9	1	1	3	6	3	\vdash	1/		-	11	38		-1	-	10
Bald Eagle 1 ad., 1 imm.	.5	1	9	5	17	2		\vdash							-	\vdash			1					1					-
Northern Harrier	5		2		3	1												1						_					
Sharp-shinned Hawk	7	5	1	2	3	6	1										1	3						1					
Cooper's Hawk	5	8	4	3	1	8			2		1	2				1		2											
Accipiter sp.	1	3	1																										
Red-shouldered Hawk	32	24	40	20	12	22	1	1	2	1	1	1	1	1	3	2		2	1				1		3			1	
Red-tailed Hawk	33	27	27	18	12	30	7		2			4	4	1	1		1	4	2						1		1	_	2
Golden Eagle American Kestrel	4	- 5	3	3	1	1	1																						
Merlin	4		3		1	1	1																						
Falco sp.	1																												
Virginia Rail																													
American Coot	4	11	27	1																									
Killdeer	24	99	75	37	15	40	13		3					2	5	1		1	13						2				
Spotted Sandpiper	-		1	-	1																								
Wilson's Snipe American Woodcock	10		1	11	16	- 5												4	1										
Bonaparte's Gull	2		210	159	335	7												- 4	1			7						_	_
Ring-billed Gull	2896	254	10000	14139	5523	1108	43	68	300			2	2	100	124	9	39	30	64	41	8	52	11	98	47	49	15		6
Herring Gull	13		92	389	43	6			2						3			1											
Lesser Black-backed Gull				3																									
Great Black-backed Gull				6	1																								
gull sp. Forster's Tern	23																-											_	
Sterna sp.			- 1		- 1	1																		1					
Rock Pigeon	221	$\vdash \vdash \vdash$	62	130	115	140	5	\vdash	51	H	H	49	14			\vdash			H	\vdash				-1	7	14	-1	+	\dashv
Mourning Dove	251	276	216	201	70	261	22	1	3	18	8	7	24	48	1	15	_	10	6	Н	13			28	11			10	22
Eastern Screech-Owl	1	ΔĬ		1	2	1			_						Ĺ			1											_7
Great Horned Owl	9	4	6	1		*	*																					*	
Barred Owl	3	Щ	5	3	1	6	2	Щ		Ш	Ш					Щ		1	2	Ш					Ш			1	
Rufous Hummingbird	1	1	- 25	1	10	1		_							٠.	-	_		_	Ш			<u> </u>	—	H	\vdash	\sqcup	1	
Belted Kingfisher Red-headed Woodpecker	19 16	21	25	17	10	12		2		Н	Н	1		1	1	1	-	1 1	1	\vdash	1			1	ш	—		+	
Red-bellied Woodpecker	120	91	118	64	34	154	5	5	12	1	3	10	4	6	6	8	7	11		H	8	5	4	10	19	Δ	1	2	0
Yellow-bellied Sapsucker	46	43	43	31	20	64	2		1	Ħ	2	6	1	5	6	5	1	8	7		1		1	4		H	3		3
Downy Woodpecker	76	72	110	68	47	106	9		5	1	6	_	1	3	1	8	3	6			5	6	2	5		3	2	2	2
Hairy Woodpecker	14	11	19	29	16	20			1		1	2		3	1	1		1	6			3		1					
N. (Yellow-shafted) Flicker	111	59	96	67	50	125	6		3			2	2	8		3	1	24	17		2	3	8	9	21	7	4		
Pileated Woodpecker	12	12	33	18	13	9	1	3			Щ			Щ	_	لبا			1	Ш	2	1			Ш	1	Ш	[
Eastern Phoebe	40	29	50	19	16	16	3	1	1			_		1	-	4		2	3	\vdash					Н	1			
Loggerhead Shrike Blue-headed Vireo	$\vdash \vdash$	4	1		\vdash	*	*	\vdash			H	_				\vdash	-			\vdash			-	\vdash	\vdash	\vdash	-1	-	\dashv
Blue Jay	288	99	261	70	57	167	1	1	12		12		3	6	7	21	6	18	17	\vdash	6	7	11	16	3	4	3	3	10
American Crow	324	199	520	313	251	479	54	33	75	2	4	18	38			21	7	4	3	\vdash	8	32	8	20		13	6	5	5
Fish Crow		7		3	4																							寸	
Carolina Chickadee	346	291	394	400	124	356	21		39	3	4	54	14	5	16	15	3	16			17	18	10				10	6	13
Tufted Titmouse	352	229	286	240	93	364	16	12	28	4	4	51	11	3	22	22	13	15	39		14	12	12	27	9	5	12	4	29
Red-breasted Nuthatch	* 70	3	4 52	13	19	13	10		1	1	_	1	_		7	10			Ļ	Ш	1		Ļ	1	H	Η,	1		
White-breasted Nuthatch Brown-headed Nuthatch	78 45	96 55	52 156	94 102	36 61	101	10	_	13	_1	2	20	1		9	13	2	2	5 1	\vdash	2	2	2	7	1		1	2	6
Brown-headed Nuthatch Brown Creeper	45 16	15	21	27	14	78 17	6 1	/	6 3			4	1	1	1	3	1	4	1	\vdash			 	21	\vdash	\vdash	1	\dashv	
Carolina Wren	300	295	418	262	124	375	16	21	30	2	11	42	11	9	17	20	11	41	19	3	14	16	11	10	9	16	18	2	26
House Wren	1	1	4		4	3	1		50	-	- 1		- 1		<u> </u>	2		- 11	-/	,	. 7	.0	Ė					Ť	
Winter Wren	56	20	51	37	32	39	1	3				3		2				10	14		1	2		3					
Sedge Wren					2																								
	-																												

2004 Triangle Area Christmas Bird Counts

															_c	hape	l Hill	Obser	ver F	arty	_								
Species	Dur	Ral	JL	Falls	Kerr	CH	1	2	3	4	5	6	7	8	9	<u>1</u> 0	11	12	13	14	15	16	17	18	19	20	21	22	23
Marsh Wren					1																								
Golden-crowned Kinglet	354	152	527	663	158	454	35	30	87			50	2	14	_	9	1	25	92	_	2	52	14	26	1.0		6		5
Ruby-crowned Kinglet Blue-gray Gnatcatcher	321	185	619	666	142	259	20	21	45			15		4	4	/	10	13	17	3	8	5	39	15	16	6	/		4
Eastern Bluebird	216	170	323	258	203	260	28	14	18	2	1	20	20	12	16	4	10	33			9	2	6	21	27	11		5	1
Hermit Thrush	29	34	56	43	21	64	-20	4	4	1		5	2	1	10	3	10	23	7		3	5	-	2	2				2
American Robin	231	412	441	139	184	910	11	28	10	_	68	46	52	60	34	17	4	167	11		4	2	3	13	13	8	10		349
Gray Catbird		1	3	1		2	1																				1		
Northern Mockingbird	99	93	73	44	36	184	26	10	15		9	8	13	5	18	7	4	10	1		2		2	8	12	11	5		18
Brown Thrasher	42	34	23	9	6	34		2	1		6			2		3	1	10	1		3			3			1		1
European Starling	468	1374	225	611	83	821	55		200			7	73	30	76	3	75	90	24						105	81			2
American Pipit	2	105	5		1	150	150																		#O				210
Cedar Waxwing	126	125	72	45		327		-7				14	2					23							58	4			219
Nashville Warbler Y-r (Myrtle) Warbler	338	352	189	159	107	568	9	76	12		6	60	16	19	57	13	12	18	9	1	36			68	- 1	129			26
Pine Warbler	40	24	129	139	60	43	1	70	3	3	U	5	10	19	2	13	12	10	9	1	7	3		1	- 1	129	2	1	20
Palm Warbler		6	12)	137	1	73		_					- 1											- 1		- 1			
Common Yellowthroat	1	1	3		2	1												1											
Summer Tanager	*																												
Eastern Towhee	208	139	130	67	32	145	6	16	6		9	14	6	3	3	8	2	32	6		5	6	6	2	3	4	5		3
Chipping Sparrow	311	153	228	59	67	381	105	6					53	35	7			1		1				10	147	2		5	1
Field Sparrow	108	26	65	47	55	126	44		67			1	2	3				3								6			
Savannah Sparrow	6	28	4	12	31	17	15		1										1										
Fox Sparrow	73	- 8	16	13	23	43	4	3	2				1					26	3									4	
Song Sparrow	891	459	288	490	157	408	30	9	75			9	6	38	13	37	12	125	7		2	14		17	5				9
Lincoln's Sparrow	202	107	5.6	92	26	92	11	\vdash	7									60				2							2
Swamp Sparrow White-throated Sparrow	1804	107 1081	56 1110	779	26 460	83 1394	95	64	134		91	50	108	100	16	51	34	60 350	28		47	45		23	46	27	13	2	61
White-crowned Sparrow	1004	9	1110	119	400	*	93	04	134		91	37	100	100	10	31	34	330	20		47	43		23	40	21	13	*	01
Dk-e (Slate-colored) Junco	1164	383	1530	886	451	2089	131	189	315	20	34	121	253	69	143	50	21	50	144		74	48	13	95	79	96	24	40	80
Northern Cardinal	461	322	322	228	109	581	32	28	20	4		72		15			54	36	18	1	31	3	4	15	39	44	17	8	37
Red-winged Blackbird	945	637	280	46	382	282			30							27	17	55						141					12
Eastern Meadowlark	54	77	20	4	39	37	35		1																	1			
Rusty Blackbird	17	6				85												85											
Common Grackle		3	3		8	4																		4					
Brown-headed Cowbird	1	700	8			3	2												1										
Baltimore Oriole		9				4					1		1		1	1					_								
Purple Finch	226	140	30	/	1.0	10			2		12	1	2		17	- 1		4	_		3			7		_			11
House Finch Pine Siskin	226	140 15	30 13	88	18	70 75	6	\vdash		24	13	1	3		17	1			1		20			/				30	11
American Goldfinch	371	265	467	304	108	461	25	13	12		3	41	24	4	29	10	1	43	1	1	41	6		45	2	3		30	74
Evening Grosbeak	1	203	407	304	100	1	23	13	12	1		71	24		2)	10	_	7.5	-		71	0		73				30	- / -
House Sparrow	22	27	15	42	6	39				Ė			3	15	8	1										10			2
TOTAL SPECIES 123	85	94	96	92	93	90	58	41	52	18	27	44	41	41	41	46	32	62	50	9	41	34	23	46	38	38	25	21	38
TOTAL INDIVIDUALS						15800	1287	880	1717			882	851	718			374		657	78	436	385	171	968	909	606	169		1068
TOTAL INDIVIDUALS	17396	12019	22964	24121	11613	15800	1287	880	1717	139	336	882	851	/18	810	622	3/4	1570	657	/8	436	385	1/1	968	909	606	169	167	1068
Number of Field Parties	1	18	27			22	-	1	1	0	1	1	1	1	1	1	1	1	-	1	-	1	1	- 1	- 1	- 1	1	1	1
Number of Participants	30	67	58	20	11	38	1	2	2	0		1	1	1	3	2	1	1	1	1	2	2	2	3	1	2	1	1	5
rumber of Larticipants	30	- 07	50	20	- 11	30	Ė			-		-					-	-		Ė					_			_	
Start Time:						530	545	720	745		700	730	800	700	700	615	730	645	600		830	600		600	530	725		700	700
End Time:						1800	1800	1620	1700		1600	1510	1700	1630	1700	1515	1130	1745	1400		1230	1200		1430	1730	1410		1730	1100
Party Hours: Total	108	106.8	140.3	124.5	66.25	141.7	10	7	9.2	0		7.5		9			4	8.5	8		4		4.5	7		6.8		1.5	7
Party Hours: On Foot		89	115.3	87.25	42	106		3.5			4.5	5		_	_	_	4	8.5	7	3	4	4.5	4.5	5			3	1.5	7
Party Hours: By Car	 	17.75	23	27.25	24.25	35.7	1	3.5	1.2		0.5	2.5	3	2	7	3			1			0.5		2	1	6.8	0.8		
Party Hours: By Bicycle	-		2		1 75	7.25										_		0.5	0.0					- 1	1 5				0.5
Owling Hours Feeder Hours	 	2	/	0.5	1.75	7.25	\vdash	0.5		-	-	1	\vdash		1	1		0.5	0.8			1		1	1.5		\vdash		0.5
1 ceder flours	╟─┤		\vdash	0.3	$\vdash\vdash$	10	 	0.5		\vdash	\vdash	1	- 1	H	1	\vdash		0.5				\vdash	H	1			\vdash		10
Party Miles: Total	╟─┤	198.5	271.9	377.3	298	373	25	37	30	0	5	38	30	47	49	10	4	6	10	3	1	6	2.3	9.5	8	35	13	0.2	4
Party Miles: On Foot		72.5	87.25	66.85	34.6	84	4		8		3	6		7				6	8		1	5		1.5	2	22		0.2	4
Party Miles: By Car		126	169.6	310.45	263.4	289	21				2	32			45				2	É		1		8		35	10		
Party Miles: By Bicycle			15												L														
Owling Miles		2.5	5.5	9.5	7	24	0.25									0.5		0.25	2.5			0.5			20				0

^{*} Species not seen on count day, but seen during count week (3 days before and 3 days after the official count)

Chapel Hill date: 12/26/04; compiler: Will Cook; 25-38F; N 5-10; cloudy-clear; no precip; still water partly frozen Raleigh date: 12/18/04; compiler: John Connors; weather: 30-50F, clear Falls Lake date: 1/3/05; compiler: Brian Bockhahn; 48-68F, partly clear

Kerr Lake date: 1/4/05; compiler: Brian Bockhahn; 56-74F, partly cloudy Durham date: 12/19/04; compiler: Mike Schultz; 29-47, cloudy, lt rain pm Jordan Lake date: 1/2/05; compiler: Norm Budnitz; 39-73F, clear-PC, no precip

Party Areas	Party Members	Party	Areas	Party Members
1 1,4	Derb Carter	13	22 N	Brian Bockhahn
2 2,7	Pam Timmons, Perry Haaland	14	22 S	Mike Skakuj
3 3, 5, 6	Jeff Pippen, Jacob Socolar	15	23, 25	Shelley Theye, Anne Toohey
4 4-yard	Cynthia Fox	16	24 N Cha	Doug Shadwick, Robert Rybczynski
5 7, 29 (part)	Pat Cummins, Tom Biek	17	24 N Dur	Mary Cromer, Mike Dickison
6 8, 13	Tom & Barbara Driscoll	18	24S, 7-ya	ır Alan Johnston, Edith Tatum, Shantanu Phukan
7 9, 10	John Frederick	19	26, 30	Martin Stumpf
8 11, 12	Kent Fiala	20	27, 28	Dave Curtin, Marsha Stephens
9 14, 17	Betty King, Barbara Roth, Judy Teague	21	29	Glenn Simon
10 15, 18	Robert H. (Bob) Chase, Robert W. Chase	22	30-yard	Maggie Jackson (plus Jill Froning and Ryan Bakelaar during count week)
11 19	Carol Williamson	23	32	Maury & Marie Graves, Steven Graves, Robinette Hahn, David Murdock;
12 20	Will Cook (+Sam O'Kane added the Harrier)			Feeder watchers: Kim Aycrigg, Beth Duncan, Paul Ferster, Betty Kent, Fred & Eleanor Kilgour, James Lansing, Barbara Roth, Elvin Strowd